

ABSTRACT

A data service system includes a server system. The server system includes a request processor that schedules external requests to be serviced by the server system based on classification information contained in a tag of each of the requests. An application system is coupled to the server system. The application system includes an application engine that performs a transaction requested by an external request and provides response to the request to the server system. The application system also includes a business rule engine that stores business rules regarding classification for various transactions. The business rule engine also uses the business rules to analyze the response to the request. A tag generator is provided in the application system that generates the tag based on the analysis of the business rule engine. The tag is then attached to the response by the server system and sent to a requesting client that issued the request such that the tag is attached to subsequent requests from the requesting client to the data service system. A method of intelligently classifying requests is also described.